

FIG. 1
FIRST PRINCIPLE OF PRESENT INVENTION

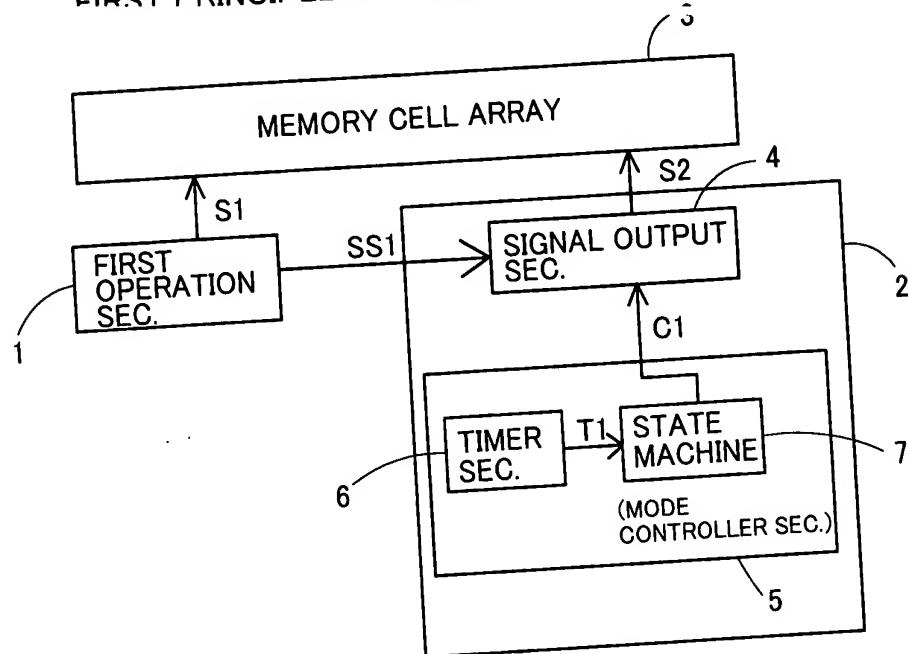


FIG. 2
SECOND PRINCIPLE OF PRESENT INVENTION

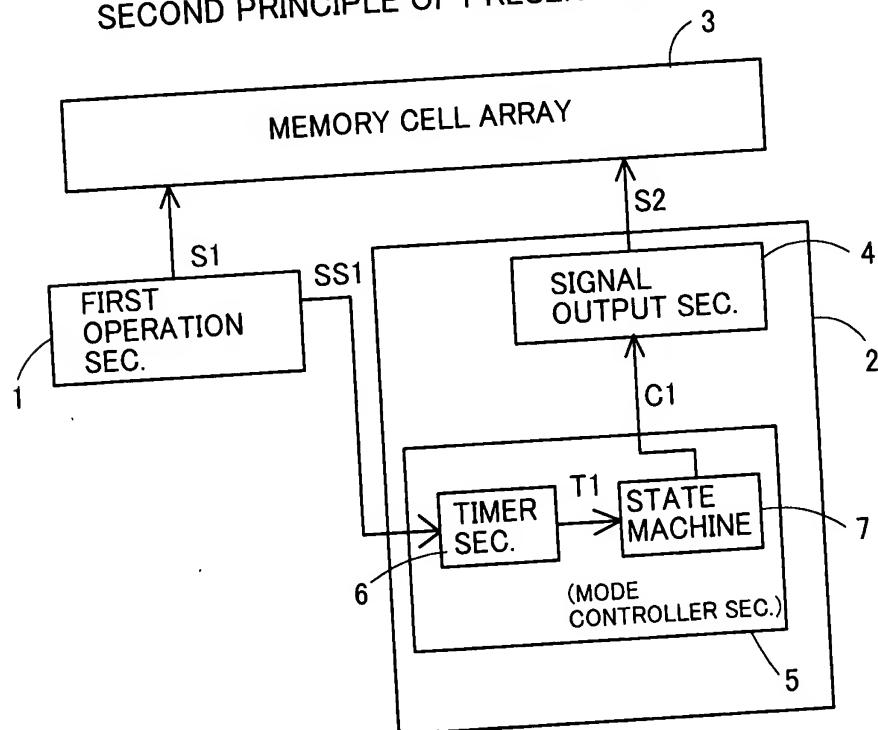


FIG. 3
THIRD PRINCIPLE OF PRESENT INVENTION

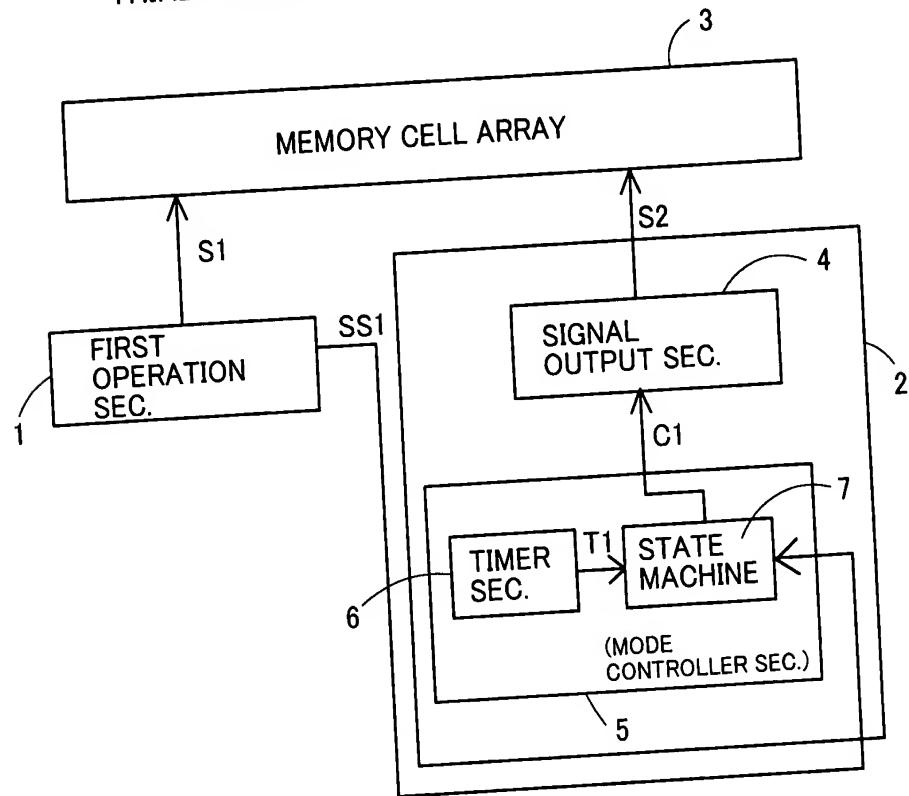


FIG. 4 CIRCUIT BLOCK DIAGRAM OF SEMICONDUCTOR MEMORY DIRECTED TO FIRST EMBODIMENT

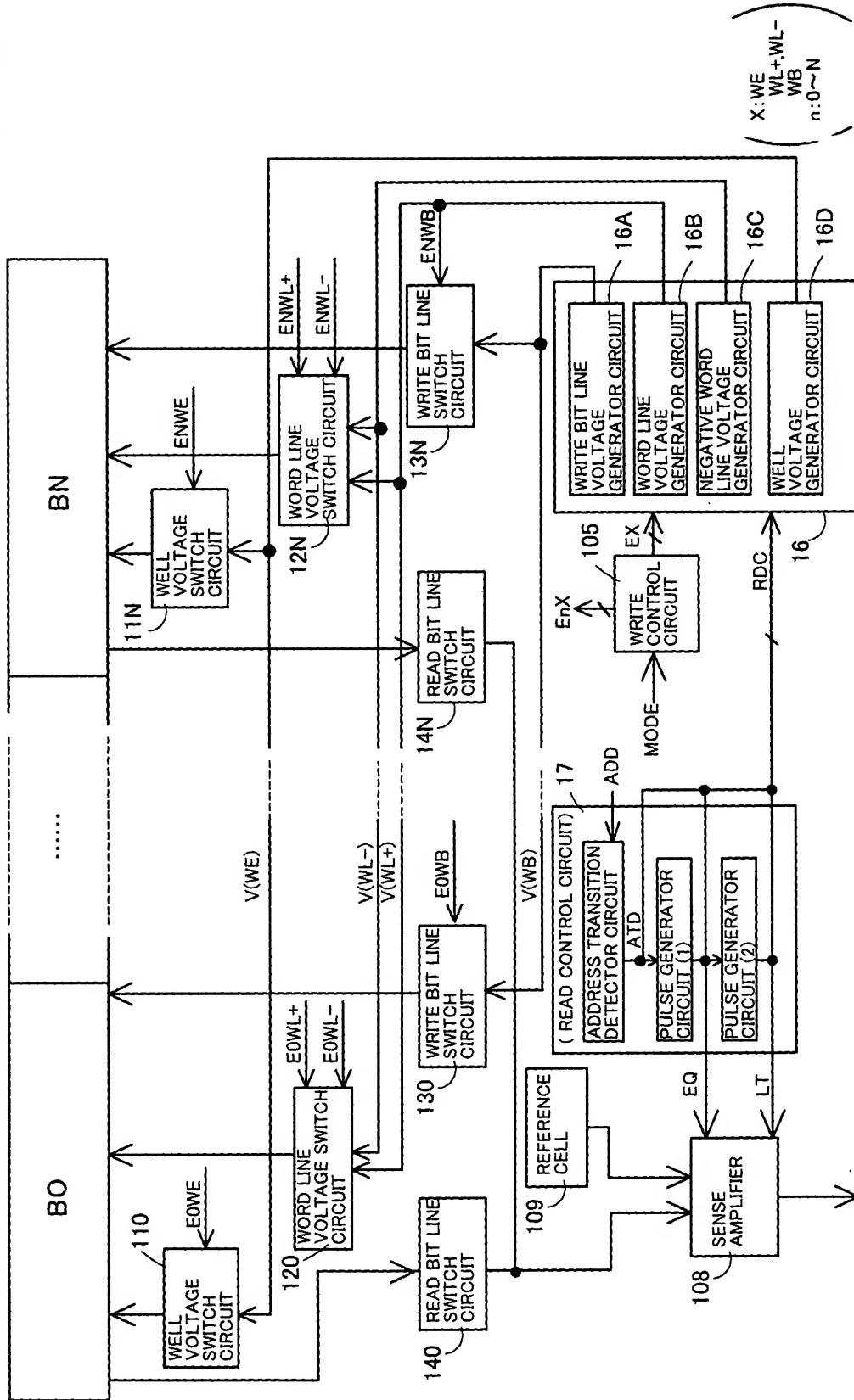


FIG. 5
CIRCUIT DIAGRAM OF FIRST SPECIFIC EXAMPLE DIRECTED TO FIRST
EMBODIMENT

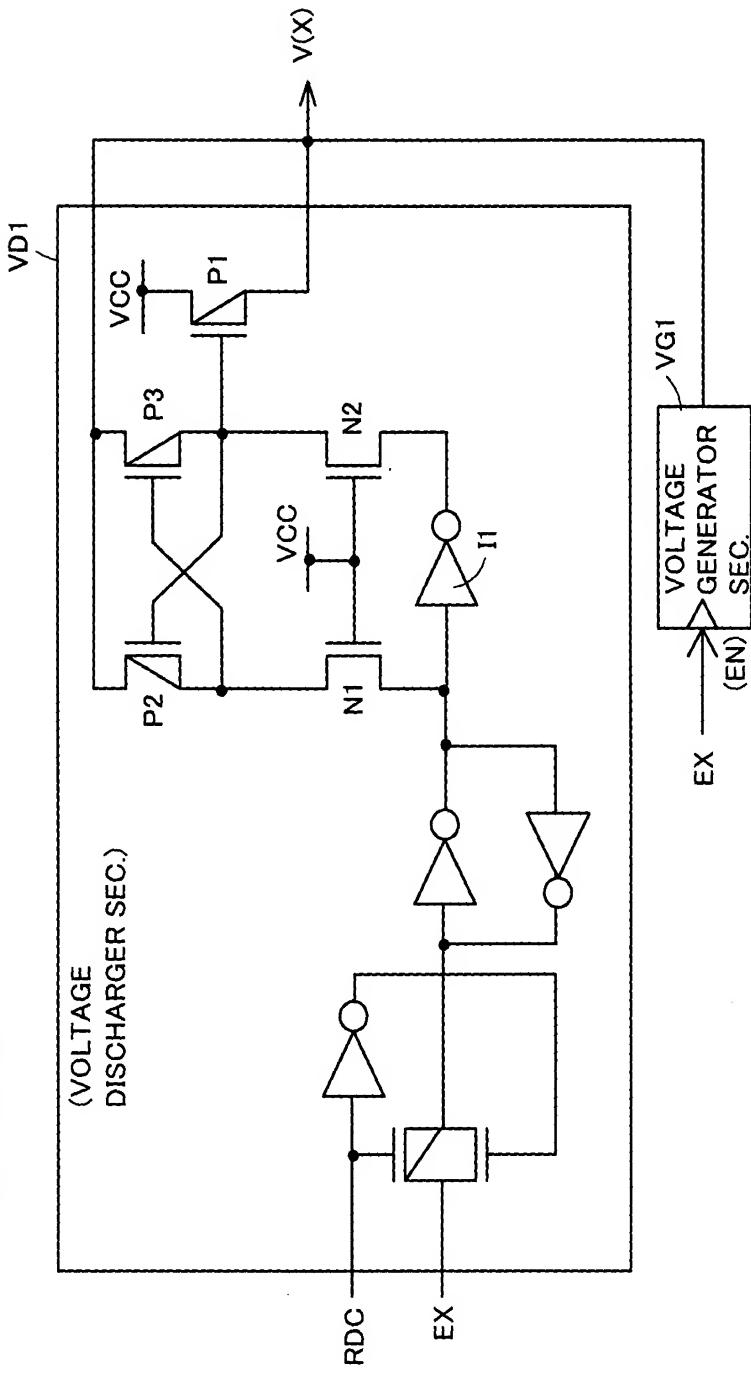
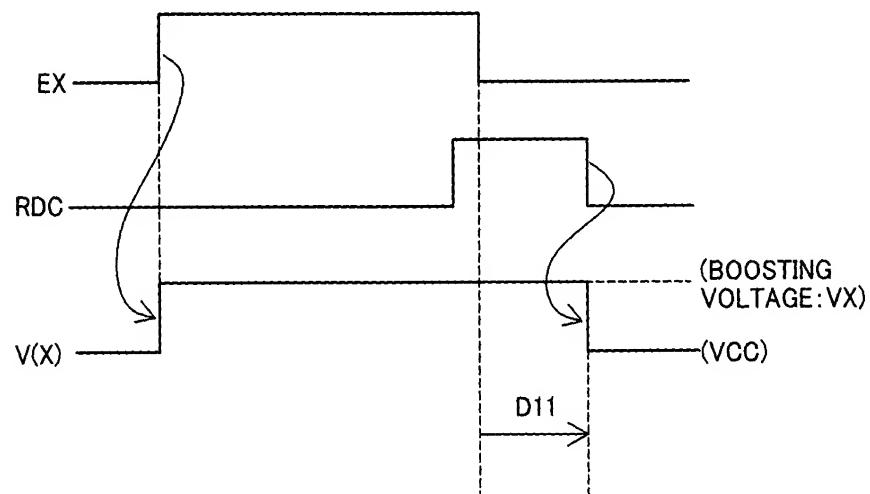


FIG. 6

OPERATIONAL WAVEFORM OF FIRST SPECIFIC EXAMPLE
DIRECTED TO FIRST EMBODIMENT



CIRCUIT DIAGRAM OF SECOND SPECIFIC EXAMPLE DIRECTED TO FIRST EMBODIMENT

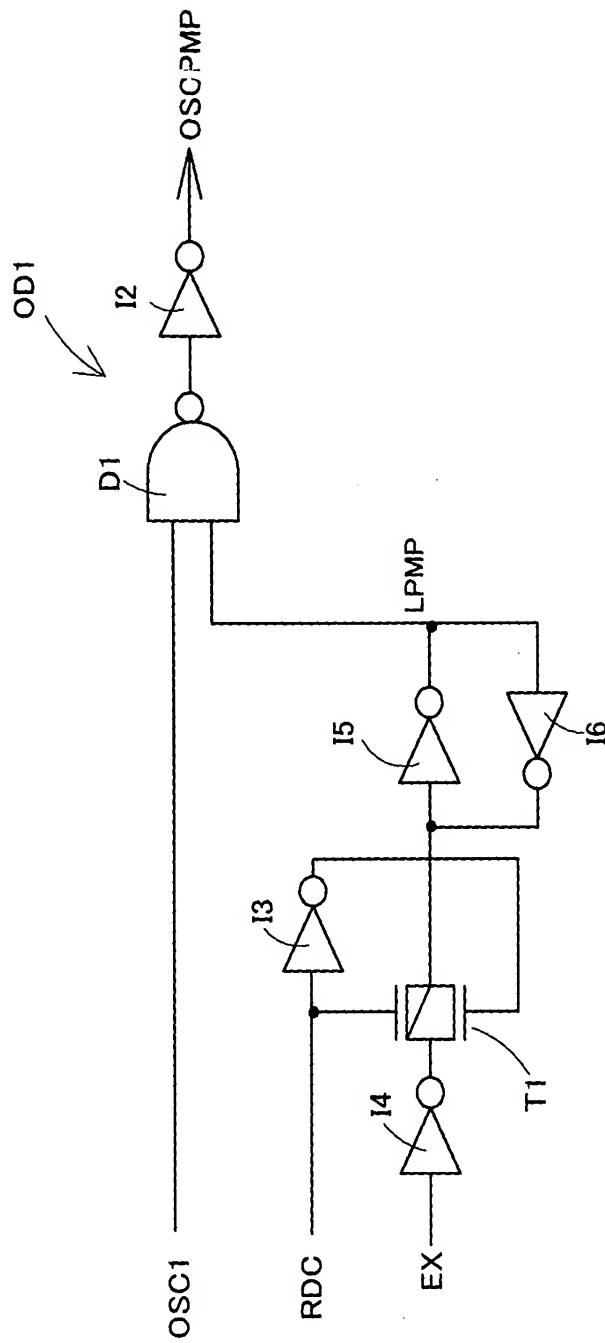


FIG. 7

FIG. 8

OPERATIONAL WAVEFORM OF SECOND SPECIFIC
EXAMPLE DIRECTED TO FIRST EMBODIMENT

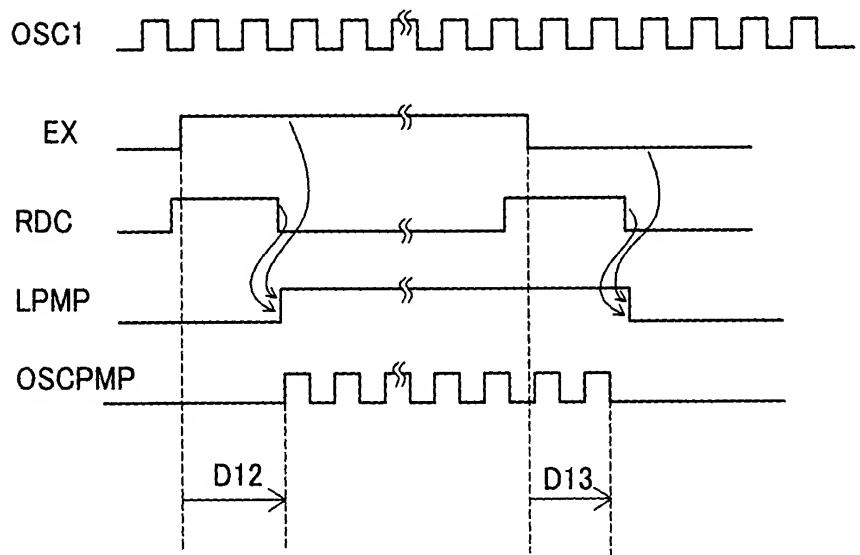


FIG. 9 CIRCUIT BLOCK DIAGRAM OF SEMICONDUCTOR MEMORY DIRECTED TO SECOND EMBODIMENT

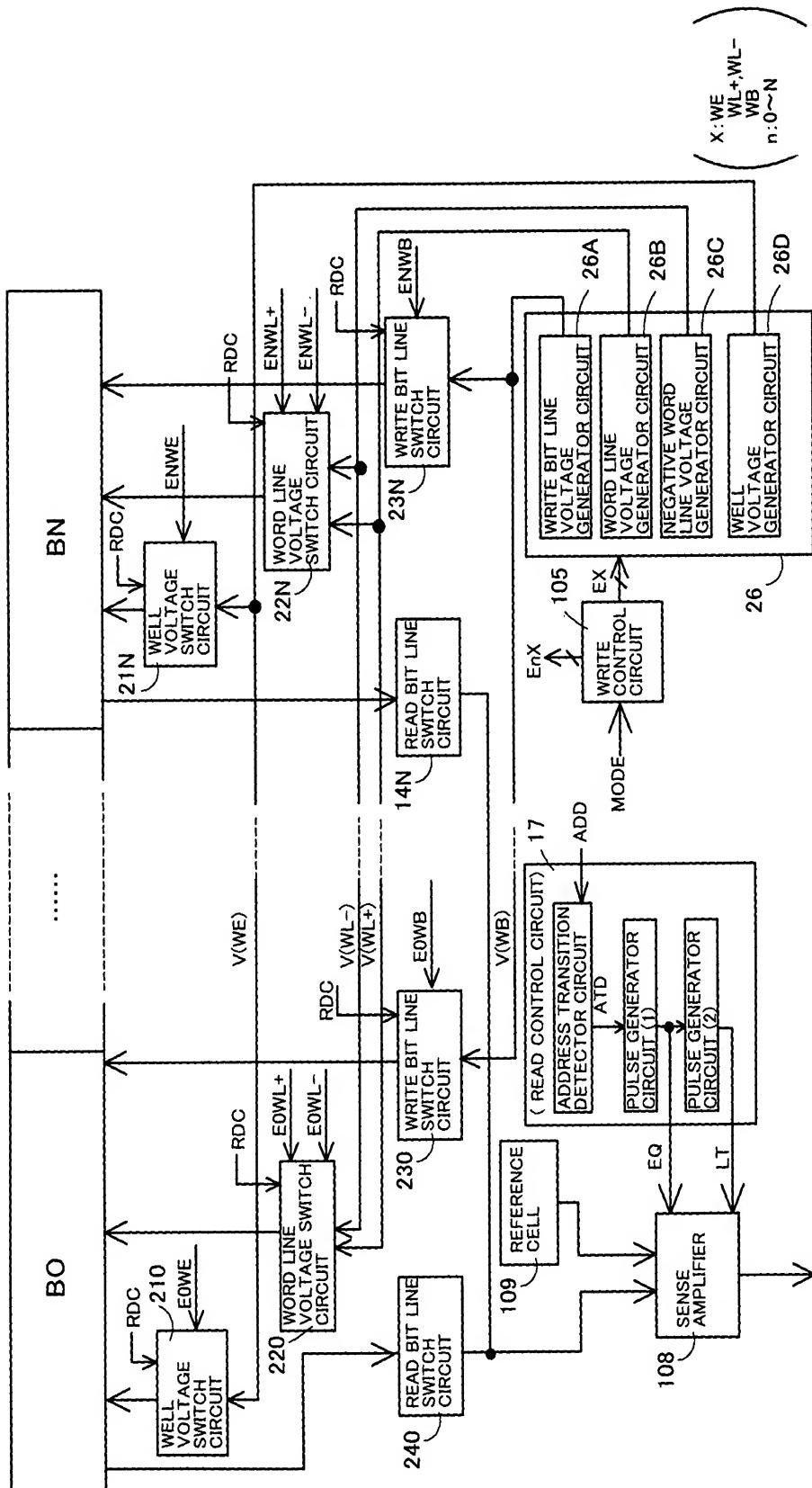


FIG. 10
CIRCUIT DIAGRAM OF SPECIFIC EXAMPLE DIRECTED TO SECOND EMBODIMENT

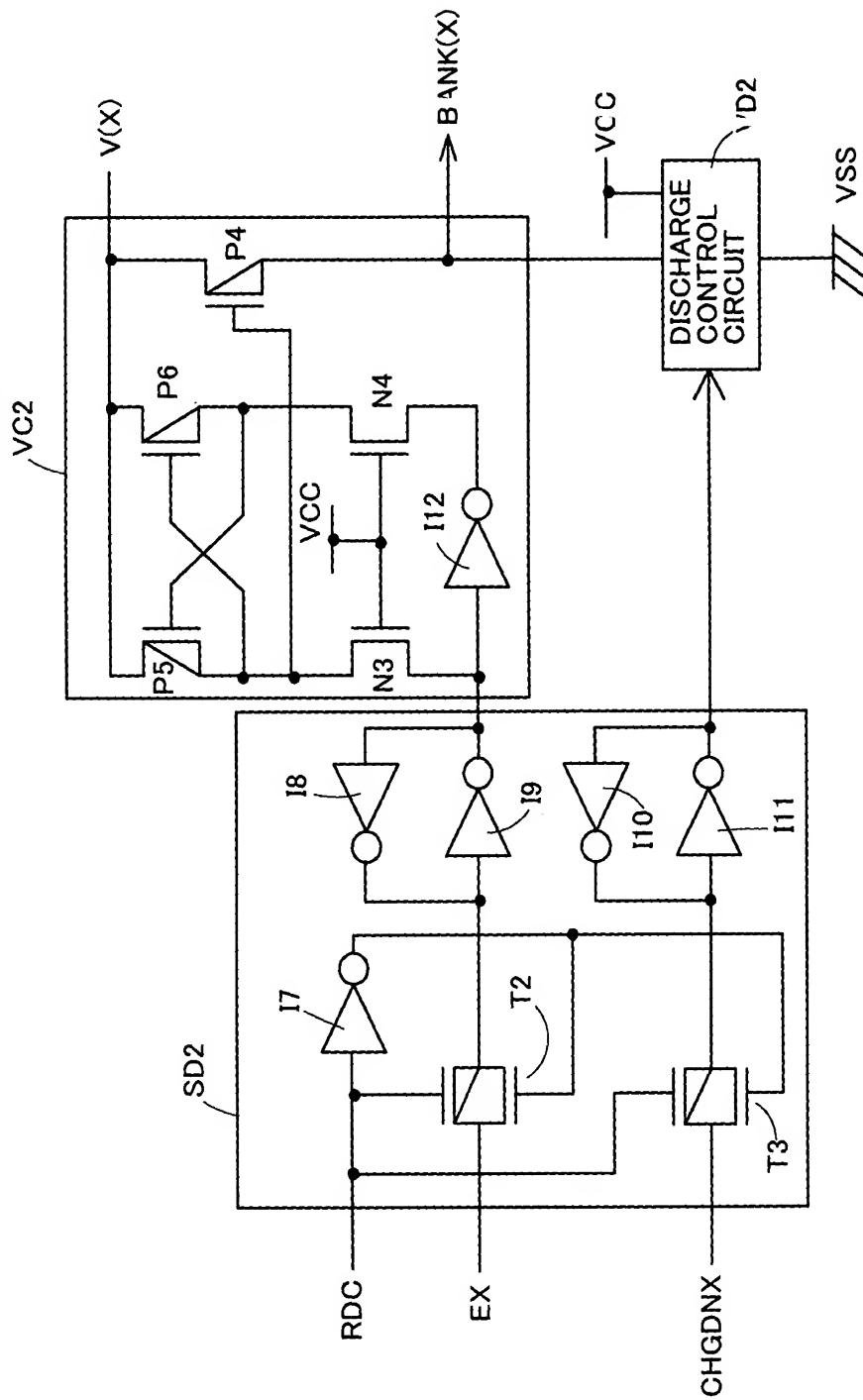


FIG. 11

OPERATIONAL WAVEFORM OF SPECIFIC EXAMPLE
DIRECTED TO SECOND EMBODIMENT

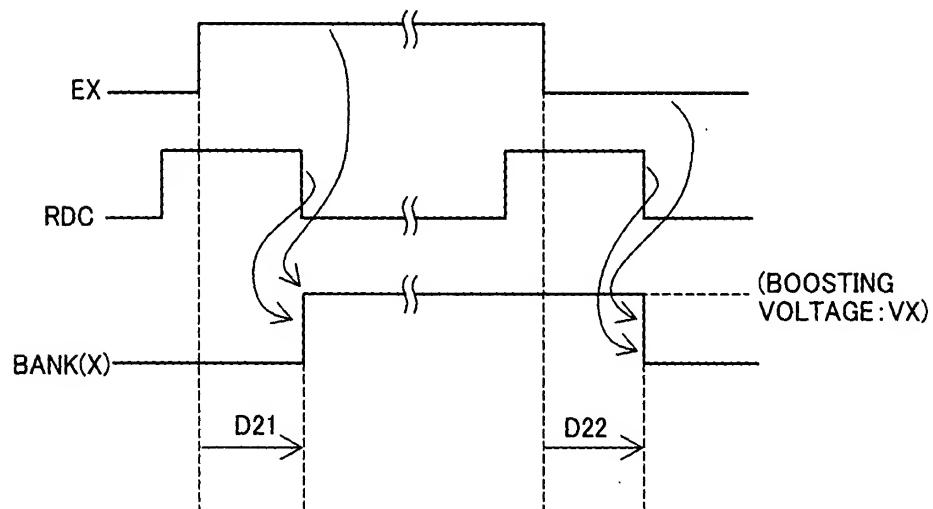
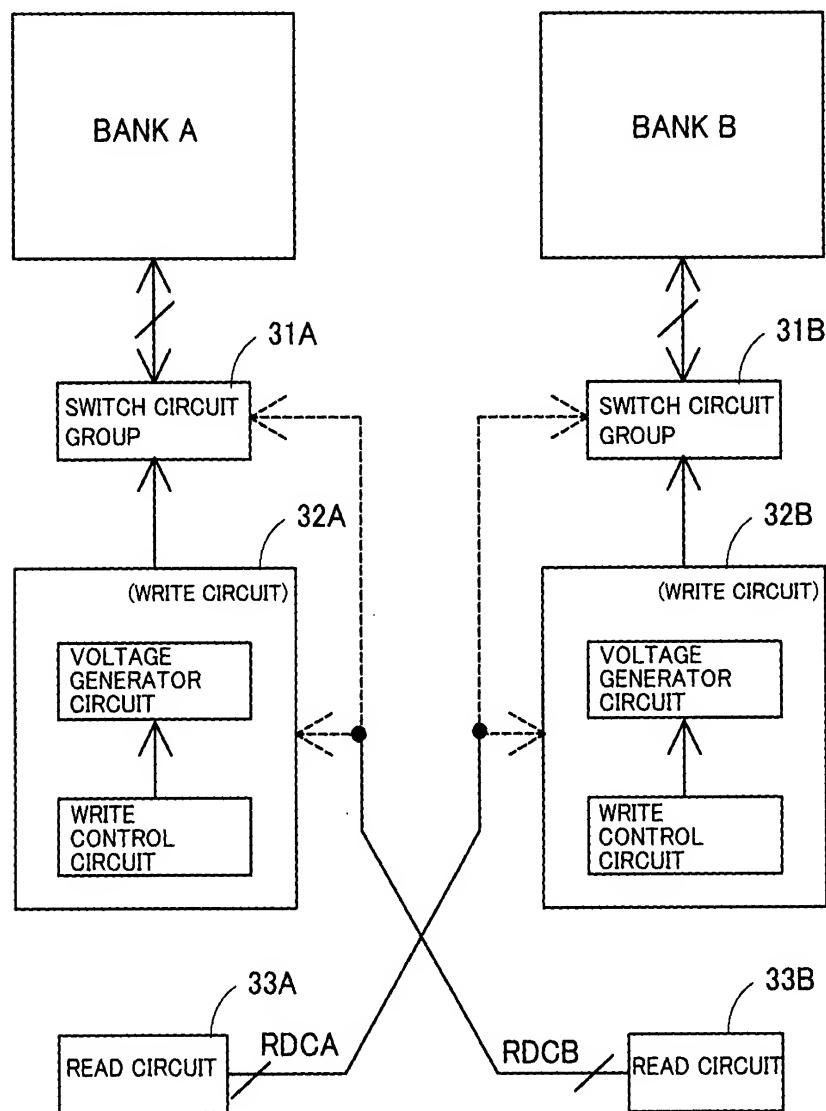


FIG. 12

CIRCUIT BLOCK DIAGRAM OF SEMICONDUCTOR MEMORY
DIRECTED TO THIRD EMBODIMENT



MODE CONTROL SECTION IN SEMICONDUCTOR MEMORY DIRECTED TO FOURTH EMBODIMENT
FIG. 13

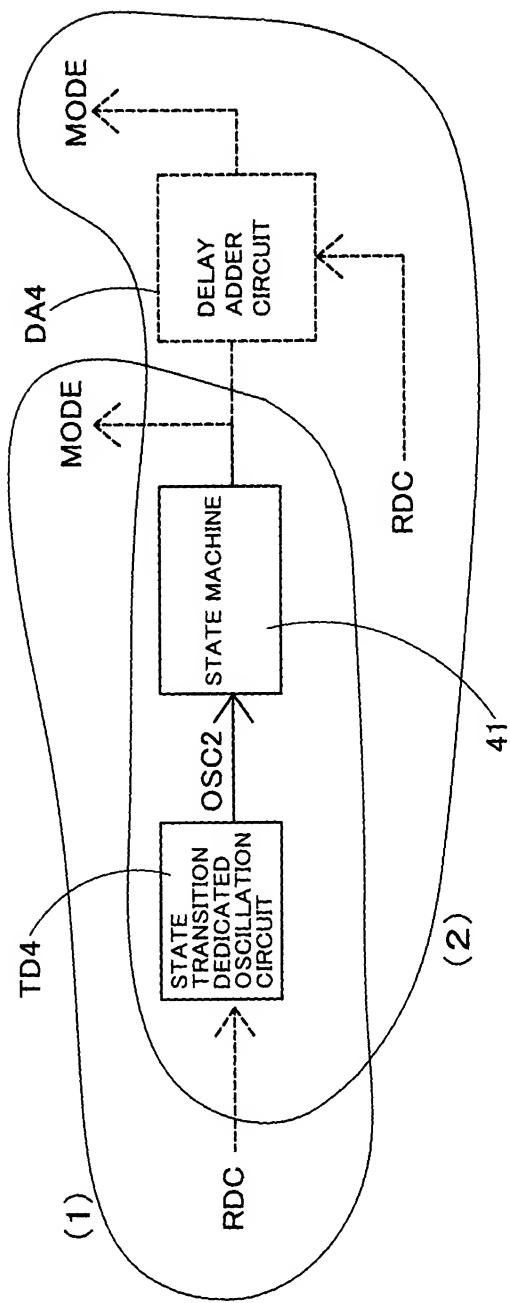


FIG. 14

CIRCUIT DIAGRAM OF FIRST SPECIFIC EXAMPLE DIRECTED TO FOURTH
EMBODIMENT

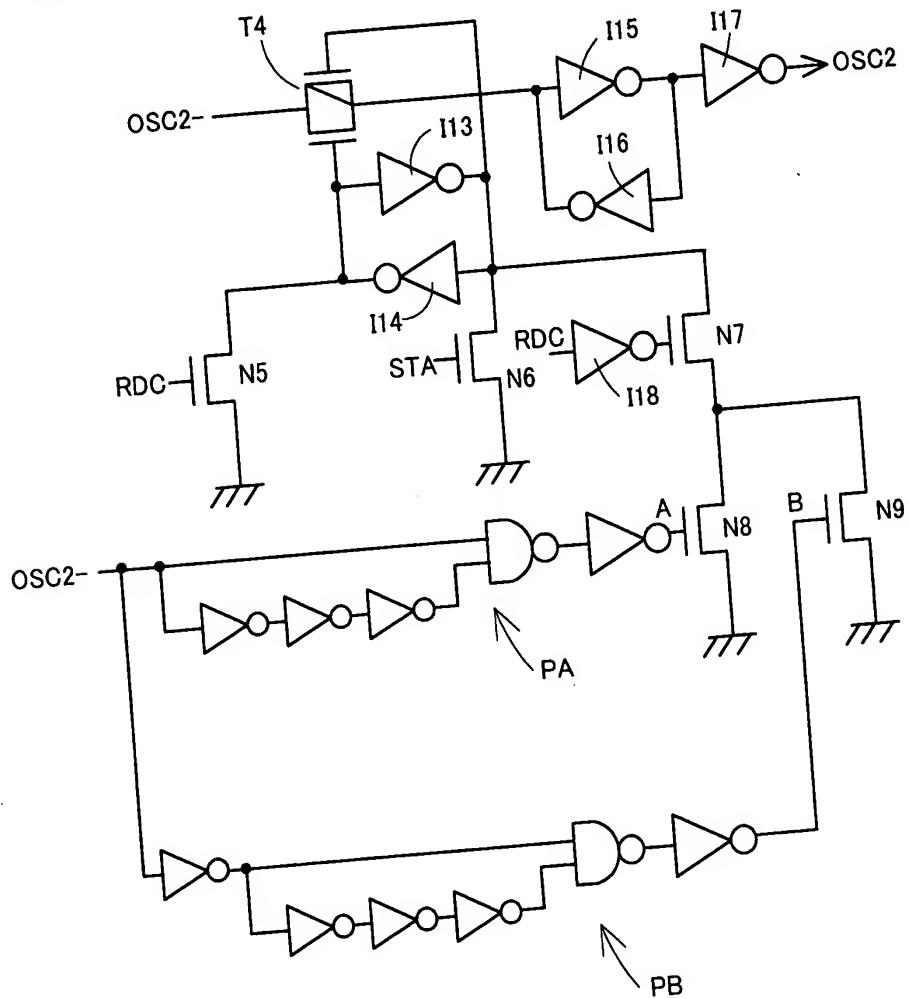


FIG. 15

OPERATIONAL WAVEFORM OF FIRST SPECIFIC EXAMPLE
DIRECTED TO FOURTH EMBODIMENT

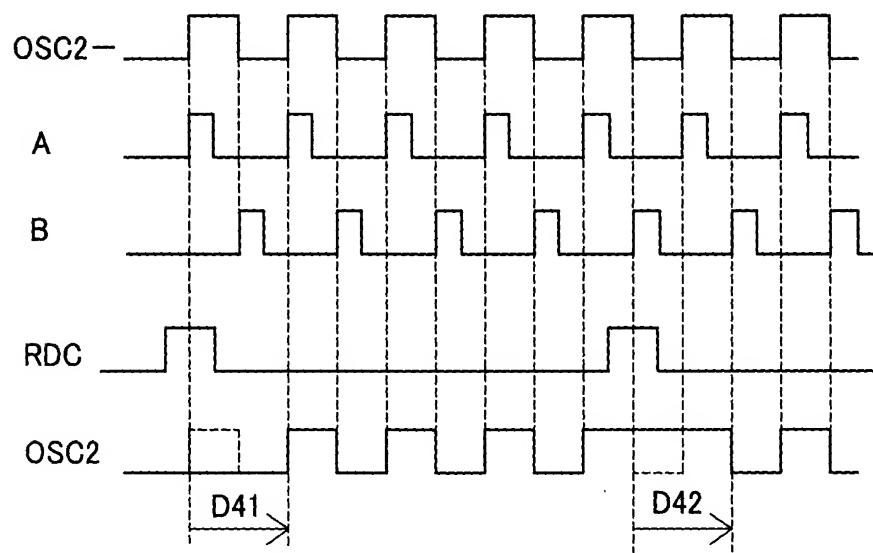


FIG. 16

CIRCUIT BLOCK DIAGRAM OF SECOND SPECIFIC EXAMPLE
DIRECTED TO FOURTH EMBODIMENT

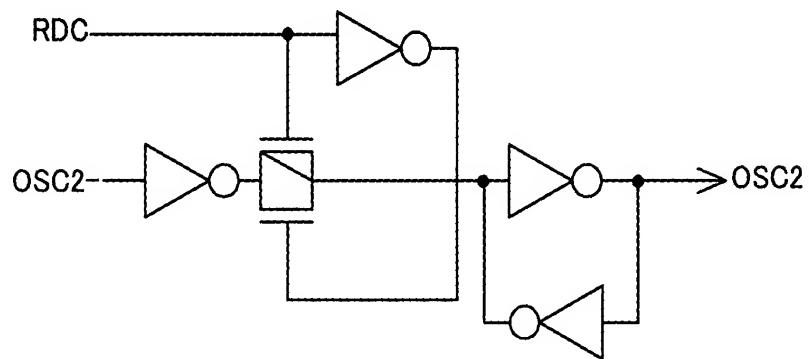


FIG. 17

OPERATIONAL WAVEFORM OF SECOND EXAMPLE
DIRECTED TO FOURTH EMBODIMENT

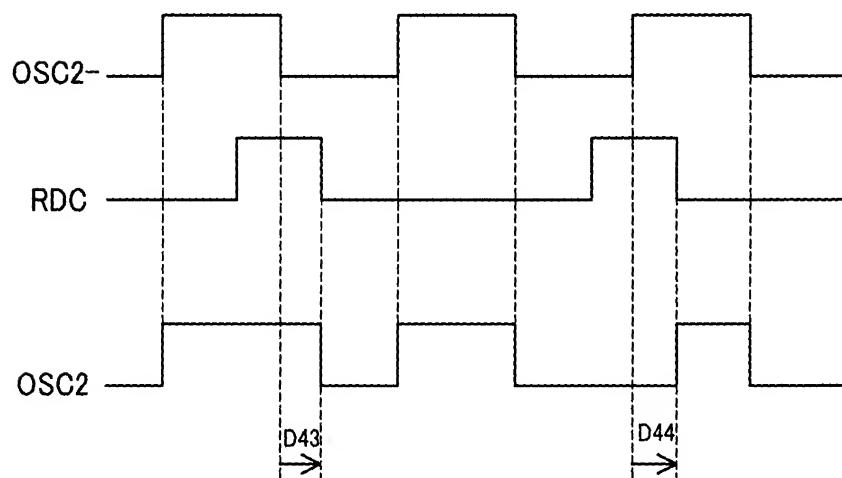


FIG. 18

CIRCUIT DIAGRAM OF THIRD SPECIFIC EXAMPLE DIRECTED
TO FOURTH EMBODIMENT

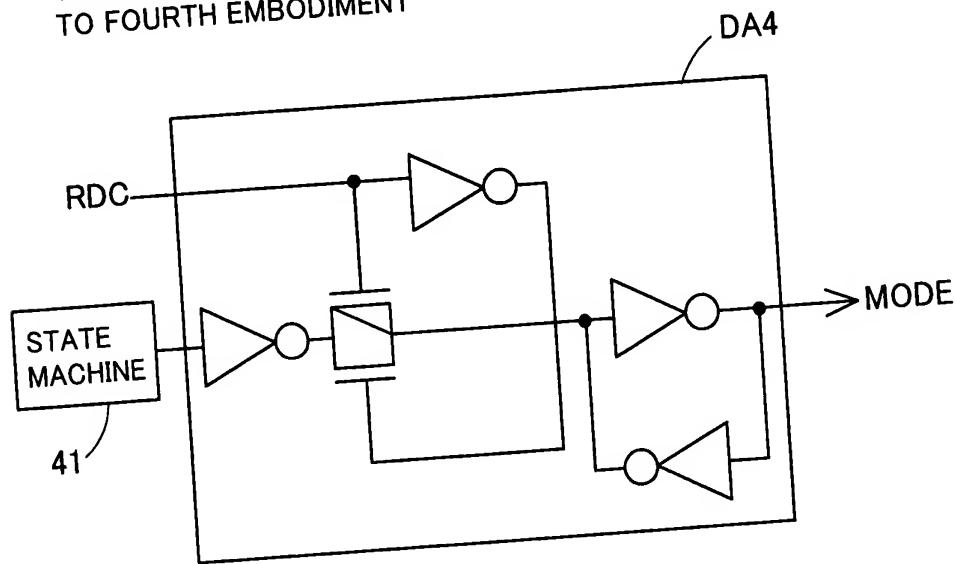


FIG. 19

STATE MACHINE IN SEMICONDUCTOR MEMORY DIRECTED
TO FIFTH EMBODIMENT

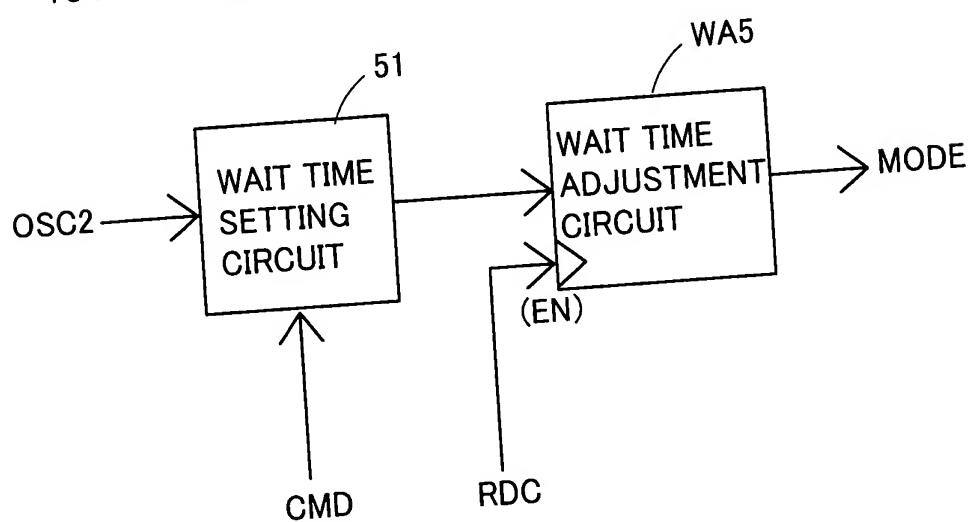


FIG. 20 PRIOR ART
CIRCUIT BLOCK DIAGRAM OF CONVENTIONAL SEMICONDUCTOR MEMORY

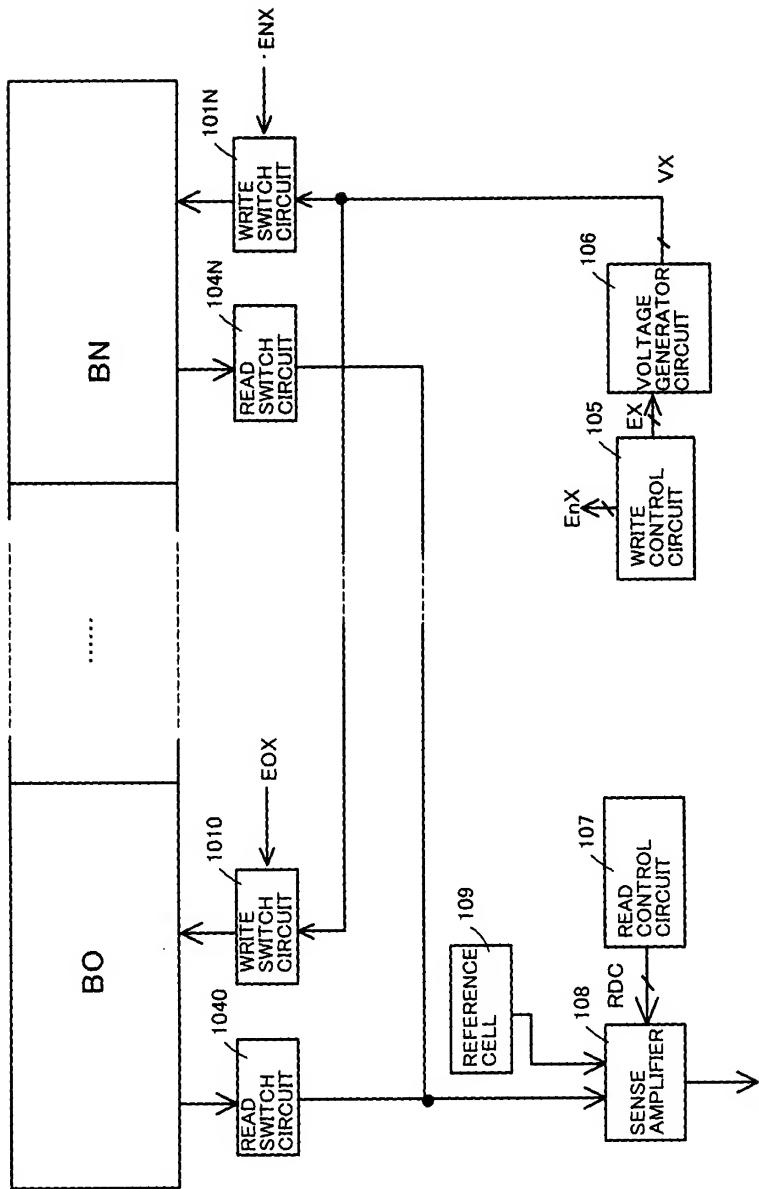


FIG. 21(A)

OPERATIONAL WAVEFORM OF RESPECTIVE FUNCTION MODES

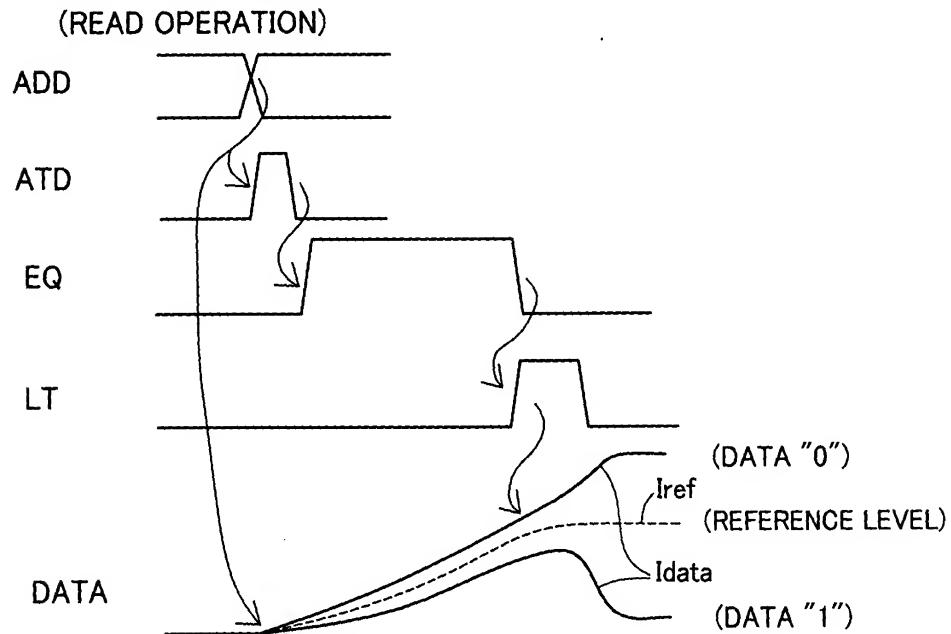


FIG. 21(B)

(PGM OPERATION)

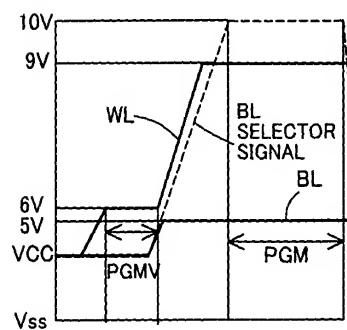


FIG. 21(C)

(ER OPERATION)

